

AFTER FINAL EXPEDITED PROCEDURE

Appl. No. 09/934,776

Amdt. dated October 6, 2005

Reply to Office Action of June 29, 2005

This listing of claims replaces all prior versions, and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A method and apparatus for a bandwidth adaptive image compression/decompression scheme comprising:

using a protocol between sender and receiver wherein said protocol calculates bandwidth latency of the a connection;

calculating ~~the a~~ perceptual degradation of ~~said an~~ a image for various compression schemes; and

choosing a compression scheme based on ~~the~~ results of said protocol and ~~the~~ results of said calculating the perceptual degradation of said image for various compression schemes.

2. (Previously Presented) The method of claim 1 wherein said using a protocol is done periodically.

3. (Previously Presented) The method of claim 1 wherein said using a protocol is based on a dynamic feedback loop.

4. (Cancelled) Previously cancelled, without prejudice.

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5. (Cancelled) Previously cancelled, without prejudice.

6. (Cancelled) Previously cancelled, without prejudice.

7. (Cancelled) Previously cancelled, without prejudice.

8. (Previously Presented) The method of claim 1 wherein said choosing a compression scheme depends, in part, on said scheme that uses CPU time conservatively.

9. (Cancelled) Previously cancelled, without prejudice.

10. (Currently Amended) The method of claim 1 wherein ~~said~~ transmitting is decided by a wavelet transform scheme.

11. (Currently Amended) The method of claim 1 wherein ~~said~~ discarding is done when said connection is down for a short period of time.

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12. (Cancelled) Previously cancelled, without prejudice.

13. (Currently Amended) A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to create a bandwidth adaptive image compression/decompression scheme, said computer product comprising:

computer readable code configured to cause a computer to use a protocol between sender and receiver wherein said protocol calculates bandwidth latency of ~~the~~ a connection;

computer readable code configured to cause a computer to calculate ~~the~~ a perceptual degradation of ~~said~~ an image for various compression schemes; and

computer readable code configured to cause a computer to choose a compression scheme based on ~~the~~ results of said protocol and ~~the~~ results of said calculation of the perceptual degradation of said image for various compression schemes.

14. (Previously Presented) The computer program product of claim 13 wherein said computer readable code configured to cause a computer to use said protocol is configured to cause said computer to use said protocol periodically.

15. (Previously Presented) The computer program product of claim 13 wherein said computer readable code configured to cause a computer to use said protocol is

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configured to cause said computer to use said protocol based on a dynamic feedback loop.

16. (Cancelled) Previously cancelled, without prejudice.

17. (Cancelled) Previously cancelled, without prejudice.

18. (Cancelled) Previously cancelled, without prejudice.

19. (Previously Presented) The computer program product of claim 13 wherein said computer readable code configured to cause a computer to choose a compression scheme based on the results of said protocol is configured to cause said computer to choose a compression scheme, in part, depending on said scheme that uses the CPU time conservatively.

20. (Cancelled) Previously cancelled, without prejudice.

21. (Currently Amended) The computer program product of claim 13 wherein ~~said~~ computer readable code is

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configured to cause a computer to transmit the most interesting data first determines said most interesting data by a wavelet transform scheme.

22. (Currently Amended) The computer program product of claim 13 wherein ~~said~~ computer readable code is configured to cause a computer to discard repetitious data is configured to cause said computer to discard said repetitious data when said connection is down for a short period of time.

23. (Cancelled) Previously cancelled, without prejudice.